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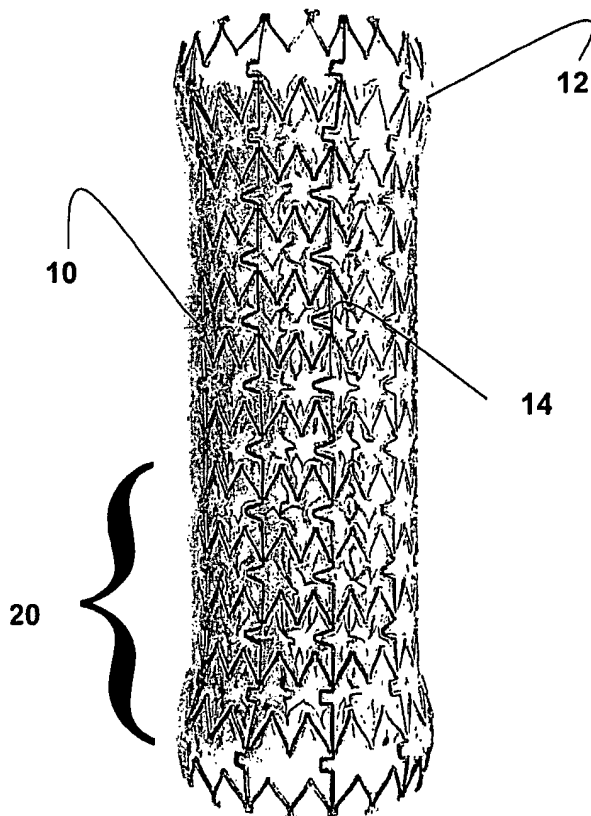
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(54) Title: ACTIVE STENT



(57) Abstract: The present invention, in an exemplary embodiment, provides a stent, which combines many of the excellent characteristics of both silicone and metal stents while eliminating the undesirable ones. In particular, a principal objective in accordance with the present invention is to provide a family of stents where the relative hardness/softness of regions of the stent can differ from other regions of the stent to provide additional patient comfort and resistance to radial forces. An exemplary embodiment also provides a family of stents with obstruction clearance and/or radiation therapy capabilities.

WO 2005/032413 A2



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